

ATILIM UNIVERSITY

Faculty of Arts and Science

MATHEMATICS DEPARTMENT

Publication List

2004

Articles in 2004

Published Articles

- In Science Citation Index

1. **Figen Çilingir**, *On infinite area for complex exponential function*, Chaos, Solitons and Fractals, **22**, 1189-1198, (2004).
2. **Gusein Sh. Guseinov** (with I. Yaslan), *Boundary value problems for second order nonlinear differential equations on infinite intervals*, J. Math. Anal. Appl., **290**, 620-638, (2004).
3. **Gusein Sh. Guseinov** (with I. Y. Karaca), *Instability intervals of a Hill's equation with piecewise constant and alternating coefficient*, Computers Math. Appl., **47**, 319-326, (2004).
4. **Gusein Sh. Guseinov** (with M. Bohner), *Partial differentiation on time scales*, Dynamic Systems and Applications, **13**, 351-379, (2004).
5. **Sofiya Ostrovska**, *Uncorrelatedness Sets of Bounded Random Variables*, Journal of Mathematical Analysis and Applications, **297**, 257-266, (2004).
6. **Ahmet Yaşar Özban**, *Improved Convergence Criteria for Jacobi and Gauss-Seidel Iterations*, Applied Mathematics and Computation, **152**, 693-700, (2004).
7. **Ahmet Yaşar Özban**, *Some New Variants of Newton's Method*, Applied Mathematics Letters, **17**, 677-682, (2004).
8. **Ahmet Yaşar Özban** (with Halim Özdemir), *On Idempotency of Linear Combinations of Idempotent Matrices*, Applied Mathematics and Computation, **159**, 439-448, (2004).
9. **Yeter Şahiner**, *On oscillation of second order neutral type delay differential equations*, Appl. Math. Comput. **150**, 697-706 (2004).
10. **Bülent Ünal** (with Fernando Dobarro), *Special Standard Static Space-times*, Nonlinear Analysis: Theory, Methods & Applications, **59** (5), 759-770, (2004).

- Not in Science Citation Index

1. **Gusein Sh. Guseinov**, *Discrete calculus of variations*, In K. Taş, D.Baleanu, D. Krupka, and O. Krupkova, editors, “Global Analysis and Applied Mathematics” (International Workshop on Global Analysis, Ankara, Turkey 15-17 April 2004), **729**, 170-176, American Institute of Physics Conference Proceedings, New York, (2004).
2. **Sofiya Ostrovska**, *On the Limit q -Bernstein Operator*, *Mathematica Balkanica*, **18**, 165-172, (2004).